

(c) Remarks

The claims are 1-14 with claims 1-4 being independent. Claims 15 and 16 are cancelled and their subject matter added to Claims 3 and 4, respectively. Claims 1-4 have also been amended to better define the intended invention as follows.

Regarding claim 1, the arylene group of X<sub>1</sub> is limited; the aryl group of X<sub>2</sub> is limited; and it is clarified that X<sub>1</sub> and X<sub>2</sub> each do not have pyrenyl group as a substituent.

For claim 2, the arylene group of X<sub>3</sub> and X<sub>4</sub> is limited; the aryl group of X<sub>5</sub> is limited; and it is clarified that X<sub>3</sub>, X<sub>4</sub> and X<sub>5</sub> each do not have pyrenyl group as a substituent.

As for claim 3, the arylene group of X<sub>1</sub> is limited; the aryl group of X<sub>2</sub> is limited; it is clarified that X<sub>1</sub> and X<sub>2</sub> each do not have pyrenyl group as a substituent; and the layer containing the compound is a light-emitting layer.

Regarding claim 4, the arylene group of X<sub>3</sub> and X<sub>4</sub> is limited; the aryl group of X<sub>5</sub> is limited; it is clarified that X<sub>3</sub>, X<sub>4</sub> and X<sub>5</sub> each do not have pyrenyl group as a substituent; and that the layer containing the compound is a light-emitting layer.

Claims 1-4, 15 and 16 were rejected as obvious over Hosokawa WO '247. Claims 5-12 were rejected as obvious over Hosokawa WO '247 in view of Xie '737. Claims 13 and 14 were rejected as obvious over Hosokawa WO '247 in view of Xie '737 and further in view of Ishida '434. Hosokawa is cited for arylamine compounds of instant formulas 1 and 2. The grounds of rejection are respectfully traversed.

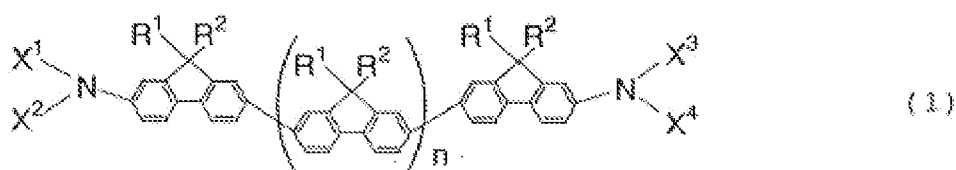
The present claimed invention includes a monoamino fluorene compound of formula 1 or 2. In contrast, in Hosokawa a diamino fluorene compound is disclosed, not a monoamino fluorene compound. Further, in Hosokawa WO '247 compounds 10 and 114, the amino group is connected to the fluorene group via a phenylene group. In contrast, in the present

claimed invention the amino group is connected to the fluorene group, *inter alia*, by a fused aryl system, not by a simple phenylene ring.

Therefore, the present claimed invention is distinguished from the compounds of Hosokawa. The defects of Hosokawa are not remedied by the secondary references.

Claims 1-4, 15 and 16 were rejected as a provisional obviousness-type double patenting over claims 17-19 of Appln. No. 10/506,300. At least claims 1-4 (and others) were also rejected as a provisional obviousness-type double patenting over claims of Appln. Nos. 10/525,622; 10/525,327; 11/284,814; 10/525,198 and 11/102,668. Claims 1-4 and 13-16 were also rejected as an obviousness-type double patenting over claims 1, 6 and 8-12 of U.S. Patent No. 7,241,513. Those grounds of rejection are respectfully traversed.

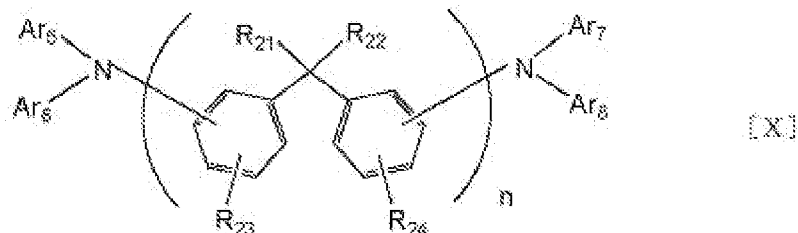
U.S. Appln. No. 10/506,300 cited in the Office Action on page 6, paragraph 8 is distinguished because the present claims have been amended such that the bis (diarylamino) fluorene material represented by the following formula disclosed in US '300 is not included in any of the amended claims.



U.S. Appln No. 10/525,622 cited in the Office Action on page 6, paragraph 9 is distinguished because the present claims do not employ a phenylene or phenyl group to link the amino group to the fluorene system.

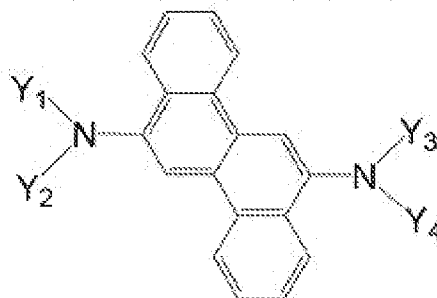
U.S. Appln. No. 10/525,327 cited in the Office Action on page 6, paragraph 10 is distinguishable because the claims have been amended such that the bis (diarylamino) fluorene

material represented by the following formula disclosed in US '327 is not included in any of the amended claims.



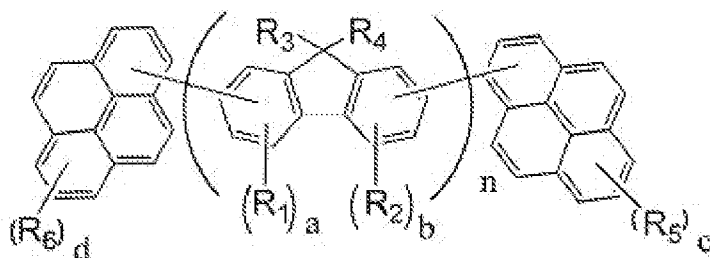
U.S. Appln. No. 11/284,814 cited in the Office Action on page 7, paragraph 11 is distinguishable in that the present claims are different from claims 1 to 8 of US '814. In US '814, a preliminary amendment has been filed in which claims 9 to 14, 17 and 18 are cancelled and claims 15 and 16 are limited. As a result, the instant amended claims are not covered by the claims of US '814.

U.S. Appln. No. 10/525,198 cited in the Office Action on page 7, paragraph 12 is distinguished in that the invention of US '198 is limited to the organic light emitting device including a layer containing an organic compound represented by the following formula:



The present amended claims are clearly differentiated from US '198 since the pyrenyl group is excluded and diamino substitution is not included.

U.S. Appln. No. 11/102,668 cited in the Office Action on page 7, paragraph 13 is distinguished in that the compounds disclosed in US '668 are represented by the following formula:



This formula does not have an amino group which is included in the present claims. Therefore, the present claims are differentiated from the claims of US '668.

U.S. Patent No. 7,241,513 cited in the Office Action on page 8, paragraph 15 is distinguished in that the compounds disclosed in USP '513 are represented by the following formula:



This formula does not have an amino group which is included in the formulas of the present claims. Therefore, the present claims are differentiated from the claims of USP '513.

Wherefore, the claims should be allowed and the case passed to issue.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

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